

Shipping

DREDGE CALIFORNIA MAY LEAVE IN TOW OF BIG TUG HERCULES

The dredge California, which has been riding at the upper end of the harbor for some months, following the unsuccessful attempt to tow the craft to the Coast, will, it is expected, depart for Southern California in tow of the powerful sea-going tug Hercules.

The California was to have been sent to the mainland the early part of the year, and was twenty-four hours on the way, when, owing to rough weather encountered in Molokai channel, a number of seams opened in the bottom of the dredge, with the result that a hasty return to Honolulu was decided upon.

During the time that the California has remained at the Ewa end of the harbor much material has gone into its reconstruction. It is believed that the craft is now in every way seaworthy and fitted to stand the twenty to twenty-five-day trip across the Pacific.

The Hercules is expected here daily with a large pontoon in tow, intended for the United States navy at Pearl Harbor.

Inter-Island Sailings Tomorrow.

Two inter-island steamers have been placed on the berth for departure for Friday. The Kaula liner W. G. Hall will be held here pending some overhauling and the arrival of a coast mail in the Japanese liner Nippon Maru. This vessel is to take a fair list of passengers and shipments of fertilizer, lumber and sundries for the regular ports on the Garden Islands.

The Claudine will sail at 5 o'clock in the evening for the usual ports, on Maui and Hawaii, with Hilo as a terminal.

The inter-island steamer Kilaua, from Kona and Kau ports, backing Secretary Fisher and party, is due to arrive here early tomorrow morning.

Singapore's Wireless Station.

The wireless telegraph station that was opened at Colombo on July 22 is understood to be of low power and only able to meet the requirements of shipping, says an Australian paper. A larger station is to be erected in the Straits Settlements, which will be capable of communicating with the high power stations now being completed at Fremantle. This will form one of the links in the Imperial chain to bind the British Empire.

Haunted Convict Ship.

The oldest ship in the world, the convict ship Success, has been sixty-six days in the Atlantic in a succession of gales, and her crew has had a terrible experience, according to the captain of the Cunard liner Franconia, with her.

They declare that the ship is haunted, and refuse to go below to the cells and dungeon decks.

Lurline Sails Friday for Kahului.

Cargo is being discharged from the Matson Navigation steamer Lurline in order that the vessel may get away for Kahului tomorrow evening. The Lurline has about seven hundred tons of freight for the Maui port, and is expected to return to Honolulu early Sunday morning. Little or no island products will be secured at Kahului.

Derelict Junk Menace to Navigation.

Officers of the Pacific Mail liner Korea were notified on leaving Hongkong of the presence of a derelict Chinese junk, a portion of the craft showing above the surface of the sea. The wreck was located directly in the path taken by liners in proceeding from Hongkong to Shanghai.

Many Shoals Now Charted.

During 1911 as many as 442 rocks and shoals dangerous to navigation were reported in various parts of the world. Of these 13 were discovered by vessels striking on them; 108 were reported by the admiralty surveying ships, and 8 by other ships.

Tanker Departs for the Coast.

The American oil tanker Wm. F. Herrin yesterday finished discharging 60,000 barrels of fuel oil and sailed for San Francisco shortly after 5 o'clock. This vessel represents one of the largest tank steamers to visit the port of Honolulu.

Noted Shipbuilder's Death.

William Hamilton, chairman of directors and founder of the firm of Messrs. William Hamilton & Co., shipbuilders, Port Glasgow, has died at his Arran residence in his seventy-fourth year.

Alaskan Sailing from Hilo for San Francisco.

The American-Hawaiian freighter Alaskan is scheduled to sail from Hilo for San Francisco direct this evening, according to advices received by C. P. Morse, general freight agent for the line. The Alaskan is to be supplied with 2500 tons sugar and about 40,000 cases of preserved pineapples. The Alaskan is to gather freight from San Francisco to fill out a complete cargo destined for Salina

Cruz. The last large shipments of sugar and pineapples for 1912 have left the islands by previous departures of steamers for the states and the isthmus.

Virginian to Land Livestock.

The American-Hawaiian S. S. Virginian, with special fittings for the transportation of livestock, is reported to be preparing to bring down a number of head of fine horses and mules for local importers. The Virginian sails from Puget Sound on October 4 and should arrive at Honolulu on the 13th.

Five thousand tons of general cargo—one of the largest shipments of freight from the East Coast of the United States—are expected to arrive here in this vessel, including west-bound cargoes Nos. 296, 297 and 298, leaving New York on August 12, 17 and 23, in the freighters, Georgian, Oregon and Texan.

The Virginian will, after discharging Honolulu cargo, proceed to Kahului and Hilo. The Virginian steams from Hilo to San Francisco and thence to Salina Cruz.

Japanese Coal for Hawaiian Islands.

According to late advices received by the local branch of the Merchants' Exchange, the Japanese freighter Unai Maru, Number 2, is reported to load coal at Moji, Japan, for the Hawaiian Islands. The vessel and cargo are said to be consigned to the local agency of Hind, Rolph & Co. The coal will probably be delivered to Kaula or Hawaii ports.

Strathallan a Fixture for Australia.

A cargo of lumber will be supplied by the British freighter Strathallan, which is expected to sail from Honolulu this afternoon for Noyo, Calif. This vessel has been discharged of a consignment of Newcastle, N. S. W., coal, to the order of the Inter-Island Steam Navigation Company. The Strathallan has been fixed for Australian ports.

Transport Sherman on Way to Islands.

With officers, troops and civilian passengers, the United States army transport Sherman, sailing from Manila for the mainland on September 16, is understood to have cleared from Nagasaki, Japan, on or about September 24th. This vessel is due to arrive at Honolulu on the way to San Francisco on October 4th.

Schooner Kona to Load for Australia.

The American schooner Kona, now discharging a shipment of lumber at Port Allen, is to proceed to Grays Harbor, there to take on a cargo of lumber destined for Sydney or Newcastle, N. S. W. The schooner has been fixed at fifty-five shillings. The Kona is expected to depart from the Kaula ports within a few days.

After completing the discharge of a shipment of nitrate from South American ports, the American bark Eudora will proceed to Puget Sound, there to load cargo for the United Kingdom. The bark is believed will sail from Honolulu by the first of the coming week.

The United States cruiser Maryland, with Secretary of State Knox as its distinguished passenger, is expected to arrive here on Sunday, according to late advices received at the local naval station. The Maryland sailed from Yokohama Sept. 21st.

The inter-island steamer Nihau has been placed on the berth to sail for Kaaupali, Lanai ports and Lahaina at 3 o'clock this afternoon, taking a general cargo and later mail.

Mail and a few lay-over passengers leaving Honolulu in the Pacific Mail liner Persia on September 18, arrived at San Francisco yesterday morning.

A big freight and shipments of lumber are due to arrive here from San Francisco and Puget Sound ports on Friday morning in the Matson Navigation steamship Hyades.

The Japanese liner Nippon Maru will bring the next mail from the mainland, the steamer to arrive here tomorrow morning, according to late wireless messages received at the agency of Castle & Cooke.

The Matson Navigation liner Wilhelmina, sailing from San Francisco yesterday afternoon with a full list of passengers and a general cargo for Honolulu and Hilo, is due to arrive here early next Tuesday morning.

According to cables received at the local branch of the Merchants' Exchange, the Matson Navigation steamer Honolulu, leaving here last Wednesday, arrived at San Francisco shortly after the noon hour yesterday.

The Oceanic steamship Ventura, from San Francisco, with passengers and freight for Honolulu, Pago Pago and Sydney, is expected to arrive at this port early Monday morning. The Ventura is to be given prompt dispatch for the Colonies through the agency of C. Brewer & Co., sailing for Sydney at 5 o'clock in the evening.

TIDES—SUN AND MOON

Date	High Tide	Low Tide	High Tide	Low Tide	Sun Rise	Sun Set	Moon Rise	Moon Set
Sept. 24	2:20 p.m.	1:17 a.m.	2:06 p.m.	9:02 a.m.	5:59 a.m.	5:51 p.m.	5:51 p.m.	5:51 p.m.
25	2:18 p.m.	1:16 a.m.	2:03 p.m.	8:52 a.m.	5:59 a.m.	5:50 p.m.	5:50 p.m.	5:50 p.m.
26	2:15 p.m.	1:15 a.m.	2:00 p.m.	8:42 a.m.	5:59 a.m.	5:49 p.m.	5:49 p.m.	5:49 p.m.
27	2:13 p.m.	1:14 a.m.	1:58 p.m.	8:33 a.m.	5:59 a.m.	5:48 p.m.	5:48 p.m.	5:48 p.m.
28	2:10 p.m.	1:13 a.m.	1:55 p.m.	8:23 a.m.	5:59 a.m.	5:47 p.m.	5:47 p.m.	5:47 p.m.
29	2:08 p.m.	1:12 a.m.	1:53 p.m.	8:14 a.m.	5:59 a.m.	5:46 p.m.	5:46 p.m.	5:46 p.m.
30	2:06 p.m.	1:11 a.m.	1:51 p.m.	8:05 a.m.	5:59 a.m.	5:45 p.m.	5:45 p.m.	5:45 p.m.

Full moon Sept. 26 at 1:23 a. m.

VESSELS TO AND FROM THE ISLANDS

(Special Cable to Merchants' Exchange.)

September 26, 1912.
SAN FRANCISCO—Sailed, September 26, Bark Andrew Welch, for Honolulu.

GRAYS HARBOR—Arrived, September 25, Schooner Robt. R. Hind, from Kahului, September 4.

HILO—Sailed, September 23, Schooner E. K. Ward, for Port Townsend.

AEROGRAM.
S. S. HYADES will arrive from Seattle tomorrow (Friday).

BIG GUNS

(Continued from Page 1)

fire them out here. They would be used in time of war to repel invaders, or in siege operations, should they ever occur here. Of course, at the present time, there are not enough companies of Coast Artillery in the district to man the mortars and the siege battery too, but it might be that the latter would prove more effective at certain times than the former, as they are mobile, and could be placed at the most advantageous point.

There was more significance and interest attaching to the tests this morning than appears on the surface, for, besides drilling the men, there was considerable doubt as to the effectiveness of the guns. General Macomb, the department commander, was an interested spectator, motorizing to Lelihe accompanied by his aide, Lieutenant Andrews, Captain W. H. Johnson of headquarters staff, and Captain Hannum of the Engineers. Major Timberlake and Captain J. S. Johnson, Coast Artillery, were also on hand.

Risky Work.
Then, too, there was the element of risk in handling the ammunition, especially as both the siege and howitzer batteries are known as man killers, and have a bloody history behind the guns. These same siege pieces "ran amuck" a few years ago, one of the guns blowing out a breech block while a salute was being fired at Governor's Island, killing three men and injuring several more.

The howitzers have also done their share of damage, for at Fort Riley an accident happened which killed a corporal and three men. Soldiers are superstitious, and batteries with bad name are regarded with awe and suspicion. The men who served the eight siege guns and four howitzers here had no way of knowing just which guns had the unsavory reputation, so they treated all alike with considerable suspicion and respect.

The range in today's firing was considerably longer than that used two weeks ago, the battery being moved to a point opposite the First Infantry camp, which increased the distance from 3500 to 4700 yards. As in the firing of the 10th Company, two shots were fired from each of the four siege guns and two howitzers, and the gunnery was a trifle more uniform today than in the initial test.

The field telephone was again brought into use, an observing party on the heights to one side of the targets being in communication with the battery at all times, and reporting the location of the shots as they fell. When all was in readiness, and the range finally reported as clear, the first cast iron shell screamed skywards and some 11 seconds later a huge cloud of dust showed where it had burst about 50 yards beyond, and to the right of the target aimed at. The next shot was only 25 yards over, and from that time on the shots dropped so closely around the targets that no living thing could have maintained the position, and any shelter or fortification would have been blown to atoms. The last shrapnel fired was reported as a base hit, meaning that the fuse was so perfectly cut, and the range so accurate, that it burst in just the position to shower its deadly contents against the vest base of the target, the ideal result for shrapnel fire.

Only One Bad Shot.

There was only one poor shot of the entire twelve, the third fired from the howitzers bursting way short. It was so far off that the result was laid to defective powder. The second howitzer shot was reported as only 8 yards short, which is to all intents and purposes a perfect hit.

It was the 15th company's turn to fire the big field pieces today at Schofield Barracks, and with the completion of the morning's work the entire Coast Artillery force of Oahu has been initiated into the mysteries of siege guns and howitzers. Today's firing is the wind-up to two weeks in the field for the coast defenders, who have now got a taste of inland soldiering, besides learning to handle the unfamiliar ordnance.

Lieutenant Harry Vaughan is in command of the 15th, the new company commander, Captain Carpenter, not having arrived in time to relieve Captain Carter. Lieutenant Vaughan has made a splendid showing with the

Y. M. C. A. OPENS FALL PROGRAM

The newcomers' club will hold its first meeting this year on Sunday afternoon. This club was organized last year and has proved to be one of the most popular ones in the association. Anderson's orchestra will play in the lobby from four until four-forty-five and then the members of the club will hold a discussion in Cooke Hall, under the leadership of Ed Towse. The subject for the discussion will be the book by Robt. E. Sner, the famous Princeton tackle, entitled "The Principles of Jesus." At five-thirty the club will gather around one large table in the cafeteria for a fellowship dinner. Following the dinner various new men will be introduced to the club.

The banquet given by the association for the members of the employed boys department will be held in Cooke hall this evening at six o'clock. Following the dinner several practical talks will be given by Paul Super, A. E. Larimer, A. F. Loomis and W. J. Johnson, on the plans of the association for the coming year. Games of baseball and hand ball will be played between two different teams of the employed boys department, and a champion handball game will be played between the champion of the employed boys and the champion in the recent novice tournament.

Booklets describing the night school will be given out and all boys wishing to enroll for the coming term may do so.

The big stag open house social comes off tomorrow night, and elaborate plans have been made for the entertainment of the visitors. Kaal's Quintet will play throughout the evening and the visitors will be given a chance to inspect the building and see the main features in operation.

The senior base ball team of older men met yesterday to loosen up their glass arms and get in something like shape before the team from the students' department tomorrow night. Some of the men on the senior team have never played indoor base ball, but have had more or less experience in outdoor base ball. The senior team will line up as follows: Frank Becher, p; Mark Johnston, c; F. A. Edgemoor, 1b; R. B. Rietow, 2b; George Angus, 3b; E. W. Clark, ss; A. H. Dondert, rf; James Holt, cf, and Clifton Tracy, lf. The game will begin at eight-thirty.

There will also be a wrestling match between John Searle and R. A. Howes.

organization, and his second, Lieutenant Nichols, has also come in for a fair share of praise.

The company walked into a ready-made camp when they arrived at Schofield on the 17th of this month, the tents of the 10th, which took the initial turn at the field work, being left standing. But the men had to do the same pioneer work with the guns, for only half the pieces were assembled and fired by Captain Johnson's men. It has been no light task to mount four 5-inch siege guns and two 7-inch howitzers, for the guns have been stored for more than a year, and needed considerable tinkering to put them in condition.

Although the firing today, as in the test two weeks ago, was more of a test of materiel the men took a keen interest in the actual shooting, and watched the dust puffs that marked the fall of the cast-iron shot, and the white cloud that told of bursting shrapnel, with close attention. To soldiers accustomed to the indirect fire of mortars, where the target is never in sight, it was a brand-new game to see the objective and the execution of the missile.

Both companies were allowed the same amount of ammunition, firing one shrapnel and one shell from each of the four siege guns, and the same from each of the howitzers.

Now that it's all over the big siege pieces will be put to bed again in the Schofield gun sheds, but they are now ready for use at any time, and what is still more to the point, there are soldiers trained to man them.

Officers and men of the Field Artillery watched the firing this morning with particular interest, for under the plan proposed for the re-organization of that arm of the service, contained in the recent report of the general staff, some field artillery regiments will have the smaller howitzers for their ordnance, and every soldier who wears the red is alive to the importance of the innovation.

FISHER'S TRIP

(Continued from Page 1)

of hours after their arrival from Pahala.

Tired out from her brilliant, sustained celebration of the last two months, old Kilaua refused to perform for President Taft's personal representative, and lay in mystic gray dignity at the extreme bottom of her crazy bed, some 300 feet down, shrouding herself in stinking sulphur clouds of steam which lifted only at rare intervals, permitting a glimpse into three sinister blazing eyes of fire that remain the only active conflagrations in the crater. While the party lingered at the crater's edge nearly three hours, this veil was never entirely lifted, though a faint sound of burning gases escaping was continuous, punctuated intermittently by dull explosions and roars as Old Reliable spewed out huge chunks of molten lava that she seemed to find impalpable.

Smoke Unusually Dense.

Prof. T. A. Jaggar, in charge of the experiment station at the crater, said the smoke was unusually dense. But despite this handicap, the scene did not fail to impress the Secretary, who

exhibited a keen interest in the history and all the features of the volcano.

Before going to the crater, Mr. Fisher visited the experiment station, where preparations are being made for a deep scientific study of volcanology and thousands of dollars already have been spent in the initial outfit of materials. He was attracted especially by the massive seismograph in the basement of the building—a wonderful instrument, big and heavy, yet recording the earth's movements with such delicate, minute accuracy that a man's weight, placed suddenly on the concrete floor near it, causes a vibration of more than an inch from the direct line. This was demonstrated by Prof. H. O. Wood, who has direct charge of this feature of the work, to the great delight of his visitors.

Prof. Jaggar explained to the Secretary that the study of Kilaua is considered more important in many ways than of any other known volcano, because it is always alive and displays all the primal characteristics found in a crater in actual eruption.

Secretary Fisher Busy.
Since leaving Honolulu Secretary Fisher has been an extremely busy man—and so far Mrs. Fisher has followed his pace. He has lived up to his itinerary and has examined more than fifty witnesses in public hearings, at the same time visiting many places and making some study of conditions with his own eyes.

On its arrival at Kailua Saturday morning the party jumped into machines and rode out twelve miles to the spacious home of Mrs. Greenwald, where, after a hearty breakfast of country viands, the Secretary conducted a hearing of more than an hour's duration on the wide lanai. The citizens for miles around had heard of his coming, and he had no difficulty in finding witnesses, for they were present by the score.

His questioning was of a general nature, but the discussion finally centered around the problems of coffee growing, as this is the most important coffee growing district in the Territory. There was some talk concerning pineapple culture and tobacco raising. The latter, however, is still in the experimental stage, though the general opinion seemed to be that it will prove a successful crop. About thirty witnesses were examined.

The party left as soon as possible and made a run of about 60 miles, to Waiohinu, where the troubles of the Thompson Settlement Association and the Hutchinson plantation were discussed at length. Some twenty witnesses were called, among them District Judge Hazelton. This hearing was concluded at 7 o'clock Saturday evening. It had been intended that Mott-Smith, with his wife and Mrs. Fisher, should go on through from Kailua to Hilo without delay, but Manager Ogg of the Hawaiian Agricultural Company came down from Pahala and met the party at Waiohinu, inviting them to spend Saturday night at his home. This was accepted gratefully, as it broke the tedium of the long run across the Big Island.

Secretary and Mrs. Fisher, Mr. and Mrs. Mott-Smith and Governor Frear rode up there, the others remaining at Pahala Sunday morning, where another brief hearing was held, Manager Ogg being the sole witness. General conditions in sugar cane growing, his experiments in aiding individual homesteaders, land leasing, etc., were discussed. Then Manager Ogg escorted the party to the Volcano House.

The Secretary is finding his itinerary a strenuous one, but declares he is enjoying every moment of it and that he will endeavor to live up to the program to the end. This must be adhered to if much testimony is to be taken at Honolulu before Secretary of State Knox's arrival brings the investigation to a close.

Delegate Kuhio and his attorney, C. W. Ashford, did not visit Kilaua. The Prince announcing directly after lunch here that he was called to Hilo on urgent business matters, and leaving immediately for that city by auto, accompanied by his counsel.

Down from Volcano.

Special Star-Bulletin Correspondent.
HILO, Sept. 23.—Leaving the Volcano House about 9 o'clock this morning the Fisher party journeyed leisurely down the 32-mile stretch of road to Hilo, arriving here at 11 o'clock. Enroute the Secretary stopped for a half hour's visit at the home of Mr. Furneaux, where he saw growing side by side almost every variety of tropical fruits, timber, flowers and vegetables, all in riotous profusion.

Mr. Furneaux at present cultivates only about half his holding of 180 acres. He first tried coffee, planting about thirty-two acres, but did not have much success with this crop, and at present is doing extensive gardening. He also has a considerable acreage of pineapples. He is experimenting with bananas, and has thirty-two different varieties of this fruit on his place, all of which he says are promising success as future commercial crops.

The sight of such luxuriant vegetation was a new one to the Secretary and to Mrs. Fisher, both showing a keen interest in the gorgeous floral colors and the innumerable varieties of vegetable life on exhibition. They plucked three ripe pineapples, the first they have ever seen growing, and were given the specimens, which they brought down to Hilo to eat with their luncheon today.

For the first twenty-five miles down the roads were found to be in excellent condition, but as the party approached the boundary between the Puna and Hilo districts, Gov. Frear, who was riding in the same car with Mr. Fisher, explained that the roads of the island are handled by districts and that those of Puna were kept up by the supervisors of that section, while a separate bunch of men control the situation in the Hilo district. "You will observe a difference in the condition of the roads," he concluded.

The Secretary did. It was a forced demonstration. Within a few

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miles of Hilo, however, the highway showed signs of recent repairs and a marked improvement. It is stated here that the going on tomorrow's route will be much worse than the party has yet encountered.

HAWAIIAN SUGAR SELLS HEAVILY

A large amount of business was reported from between sessions on the stock exchange today, Hawaiian Sugar predominating with an aggregate of 418 shares unchanged at 42. This amount was in blocks respectively 100, 250, 55 and 13 shares. Oahu Sugar held at 27.25 for 15, 5 and 20 shares. McBryde also held its own with 75 and 100 shares at 6. Waluaha fell off three points in a sale of 50 shares at 120. Onomea shed a quarter point in a sale of 45 shares at 58.50. Ewa showed a like decline to 31 for 5 shares. Pioneer maintained the previous quotation of 33.25 for 10, 20 and 30 shares.

On the board Hawaiian Commercial dropped a quarter to 43 for 5 shares, the only other session sale being \$500 Hilo 1901 sales at 101. Other than sugar stocks reported were 50 O. R. & L. at 143.50, an advance of one point, and 35 Honolulu Brewing and Malting unchanged at 21.12 1-2.

PLAN WORK FOR 'GYM' CLASSES

Miss Tupper, physical director of the Y. W. C. A., has planned a very interesting course of indoor gymnastics for the coming year. Some of the features will be as follows, military marching, German callisthenics, Swedish symastics, Indian-clubs swinging, wand drills, dumb bell work, 17th dancing, a variety of indoor games and apparatus work.

There will also be classes in basketball, swinging and tennis. The indoor work will all be done at the gymnasium in the Boston building, while the swimming class will be held at the Castle pool, Waikiki. The tennis class will be at the association courts next to the Homestead.

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